SEQUENCE LISTING

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					agt Ser											164
					tct Ser											212
					act Thr 40											260
					ggc Gly											308
					gaa Glu											356

						aca Thr										404
	_			_	_	gca Ala 105										452
						gga Gly										500
	_		_			tca Ser		_								548
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						cct Pro			_			_		_		644
				_	_	ttc Phe 185		_	-		_		_		_	692
_		_	_			tca Ser					_		_		_	740
_	_	_				cta Leu			_	_		_			_	788
				_		tat Tyr				_	-	_				836
				_	_	gat Asp		-				_				884
			_			aaa Lys 265					_					932
					_	aag Lys	_				_		_		_	980
_	_		_		_	att Ile								_	_	1028

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tat aag aaa aag aca cgc tta ctg aag gcc tcc aat gga aga gtc aag Tyr Lys Lys Lys Thr Arg Leu Leu Lys Ala Ser Asn Gly Arg Val Lys 405 410 415	1364									
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Val Pro Asn Ser Gln Asn Ala Thr Ile Ser Val Pro Pro Leu Thr Ser 35 40 45

Val Ser Val Lys Pro Gln Leu Gly Cys Thr Glu Asp Tyr Leu Leu Ser 50 55 60

Lys Leu Pro Ser Asp Gly Lys Glu Val Pro Phe Val Val Pro Lys Phe 65 70 75 80

Lys Leu Ser Tyr Ile Gln Pro Arg Thr Gln Glu Thr Pro Ser His Leu 85 90 95

Glu Glu Leu Glu Gly Ser Ala Arg Ala Ser Phe Gly Asp Arg Lys Val

Glu Leu Ser Ser Ser Gln His Gly Pro Ser Tyr Asp Val Tyr Asn 115 120 125

Pro Phe Tyr Met Tyr Gln His Ile Ser Pro Asp Leu Ser Arg Arg Phe 130 135 140

Pro Pro Arg Ser Glu Val Thr Arg Leu Tyr Gly Ser Val Cys Asp Leu 145 150 155 160

Arg Thr Asn Lys Leu Pro Gly Ser Pro Gly Leu Ser Lys Ser Met Phe 165 170 175

Asp Leu Thr Asn Ser Ser Gln Arg Phe Ile Gln Arg His Asp Ser Leu 180 185 190

Ser Ser Val Pro Ser Ser Ser Ser Ser Arg Lys Asn Ser Gln Gly Ser 195 200 205

Asn Arg Ser Leu Asp Thr Ile Thr Leu Ser Gly Asp Glu Arg Asp Phe 210 215 220

Gly Arg Leu Asn Val Lys Leu Phe Tyr Asn Ser Ser Val Glu Gln Ile 225 230 235 240

Trp Ile Thr Val Leu Gln Cys Arg Asp Leu Ser Trp Pro Ser Ser Tyr
245 250 255

- Gly Asp Thr Pro Thr Val Ser Ile Lys Gly Ile Leu Thr Leu Pro Lys 260 265 270
- Pro Val His Phe Lys Ser Ser Ala Lys Glu Gly Ser Asn Ala Ile Glu 275 280 285
- Phe Met Glu Thr Phe Val Phe Ala Ile Lys Leu Gln Asn Leu Gln Thr 290 295 300
- Val Arg Leu Val Phe Lys Ile Gln Thr Gln Thr Pro Arg Lys Lys Thr 305 310 315 320
- Ile Gly Glu Cys Ser Met Ser Leu Arg Thr Leu Ser Thr Gln Glu Met 325 330 335
- Asp Tyr Ser Leu Asp Ile Thr Pro Pro Ser Lys Ile Ser Val Cys His 340 345 350
- Ala Glu Leu Glu Leu Gly Thr Cys Phe Gln Ala Val Asn Ser Arg Ile 355 360 365
- Gln Leu Gln Ile Leu Glu Ala Arg Tyr Leu Pro Ser Ser Ser Thr Pro 370 375 380
- Leu Thr Leu Ser Phe Phe Val Lys Val Gly Met Phe Ser Ser Gly Glu 385 390 395 400
- Leu Ile Tyr Lys Lys Lys Thr Arg Leu Leu Lys Ala Ser Asn Gly Arg 405 410 415
- Val Lys Trp Gly Glu Thr Met Ile Phe Pro Leu Ile Gln Ser Glu Lys 420 425 430
- Glu Ile Val Phe Leu Ile Lys Leu Tyr Ser Arg Ser Ser Val Arg Arg 435 440 445
- Lys His Phe Val Gly Gln Ile Trp Ile Ser Glu Asp Ser Asn Asn Ile 450 455 460
- Glu Ala Val Asn Gln Trp Lys Glu Thr Val Ile Asn Pro Glu Lys Val 465 470 475 480
- Val Ile Arg Trp His Lys Leu Asn Pro Ser 485 490